



14" BAND SAW WITH CAST IRON / GRANITE TABLE

**Model Number
50126SC/SG**



STEEL CITY TOOL WORKS
VER. 05.2013

Manual Part No. SC76082



THANK YOU for purchasing your new Steel City Bandsaw. This bandsaw has been designed, tested, and inspected with you, the customer, in mind. When properly assembled, used and maintained, your bandsaw will provide you with years of trouble free service, which is why it is backed by one of the longest machinery warranties in the business.

This bandsaw is just one of many products in the Steel City's family of woodworking machinery and is proof of our commitment to total customer satisfaction.

At Steel City we continue to strive for excellence each and every day and value the opinion of you, our customer. For comments about your bandsaw or Steel City Tool Works, please visit our web site at **www.steelcitytoolworks.com** .

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INTRODUCTION

This user manual is intended for use by anyone working with this machine. It should be kept available for immediate reference so that all operations can be performed with maximum efficiency and safety. Do not attempt to perform maintenance or operate this machine until you have read and understand the information contained in this manual.

The drawings, illustrations, photographs, and specifications in this user manual represent your machine at time of print. However, changes may be made to your machine or this manual at any time with no obligation to Steel City Tool Works.

WARRANTY

2 YEAR LIMITED WARRANTY

Steel City Tool Works, LLC (SCTW) warrants this SCTW machinery to be free of defects in workmanship and materials for a period of 2 years from the date of the original retail purchase by the original owner for domestic use. Granite components are warranted for 2 years based on normal use and is void if non SCTW accessories are used that cause the break or chip. Customer must advise SCTW within 30 days for any damage or defect found upon receipt of the product to qualify for the warranty on granite.

The warranty does not cover any product used for professional or commercial production purpose nor for industrial or educational applications. Such cases are covered by our 1 year Limited Warranty with the Conditions and Exceptions listed below.

Conditions and exception:

Warranty applies to the original buyer only and may not be transferred. Original proof of purchase is required.

Warranty does not include failures, breakage or defects deemed after inspection by an Authorized Service Center, (ASC) or agent of, have been directly or indirectly caused by or resulting from improper use, lack of or improper maintenance, misuse or abuse, negligence, accidents, damage in handling or transport, or normal wear and tear of any part or component.

Additionally, warranty is void if repairs or alterations are made to the machine by an unauthorized service center without the direct consent of SCTW

Consumables such as blades, knives, bits and sandpaper are not covered.

Wear items such as drive belt, bearings, switch, are covered for 1 year.

To file a claim of warranty or to find a service center, call toll free 877-724-8665 or email customercare@steelcitytoolworks.net and you must be able to present the original or photo copy of the sales receipt including the serial number from the machine and/or carton.

SCTW will inspect, repair or replace, at its expense and its option, any part that has proven to be defective in workmanship or material, provided that the customer returns the product prepaid to a designated ASC and provides SCTW with a reasonable opportunity to verify the alleged defect by inspection. SCTW will return the product or replacement at our expense unless it is determined by us that there is no defect or that the defect resulted from causes not within the scope of our *warranty in which case we will, at your direction, dispose of or return the product.* In the event you choose to have the product returned, you will be responsible for the handling and shipping costs of the return.

SCTW furnishes the above warranties in lieu of all other warranties, express or implied. SCTW shall not be liable for any special, indirect, incidental, punitive or consequential damages, including without limitation loss of profits arising from or related to the warranty, the breach of any agreement or warranty, or the operation or use of its machinery, including without limitation damages arising from damage to fixtures, tools, equipment, parts or materials, direct or indirect loss caused by and other part, loss of revenue or profits, financing or interest charges, and claims by and third person, whether or not notice of such possible damages has been given to SCTW. Damages or any kind for any delay by or failure of SCTW to perform its obligations under this agreement or claims made a subject of a legal proceeding against SCTW more than one (1) year after such cause of action first arose.

The validity, construction and performance of this Warranty and any sale of machinery by SCTW shall be governed by the law of the Commonwealth of Pennsylvania, without regard to conflicts of law's provisions of any jurisdiction. Any action related in any way to any alleged or actual offer, acceptance or sale by SCTW or any claim related to the performance of and agreement including without limitation this Warranty, shall take place in the federal or state courts in Allegheny County, Pennsylvania.

Warranty registration card must be submitted to SCTW for purpose of proof within 90 days of purchase with a copy of the sales receipt. Failure to do so will, revert the 2 year warranty to 1 year as in the terms stated above. This registration is also needed to facilitate contact in case of a safety recall.

This warranty gives you specific legal rights and you may have other rights which vary in certain States or Provinces.

Note to user

This instruction manual is meant to serve as a guide only. Specification and references are subject to change without prior notice. Check the website www.steelcitytoolworks.com for updated manuals with reference to the VER# located on the front page.

LIMITED WARRANTY – ACCU-SHOP line of bench top tools

Steel City Tool Works, LLC (SCTW) warrants this SCTW ACCU-SHOP machinery to be free of defects in workmanship and materials for a period of 2 years from the date of the original retail purchase by the original owner for domestic use.

Consumables such as blades, knives, bits and sandpaper are not covered.

Wear items such as drive belt, bearings, switch, are covered for 1 year.

The warranty does not cover any product used for professional or commercial production purpose nor for industrial or educational applications. Such cases are covered by our 30 days Limited Warranty with the Conditions and Exceptions listed previously.

WARRANTY CARD

Name _____
 Street _____
 Apt. No. _____
 City _____ State _____ Zip _____
 Phone Number _____
 E-Mail _____

Product Description: _____
 Model No.: _____
 Serial No. _____

***The following information is given on a voluntary basis
 and is strictly confidential.***

1. Where did you purchase your STEEL CITY machine?
 Store: _____
 City: _____

2. How did you first learn of Steel City Tool Works?
 _____ Advertisement _____ Mail Order Catalog
 _____ Web Site _____ Friend
 _____ Local Store _____ Other _____

3. Which of the following magazines do you subscribe to?
 _____ American Woodworker _____ American How-To
 _____ Cabinetmaker _____ Family Handyman
 _____ Fine Homebuilding _____ Fine Woodworking
 _____ Journal of Light Construction _____ Old House Journal
 _____ Popular Mechanics _____ Popular Science
 _____ Popular Woodworking _____ Today's Homeowner
 _____ WOOD _____ Woodcraft
 _____ WOODEN Boat _____ Woodshop News
 _____ Woodsmith _____ Woodwork
 _____ Woodworker _____ Woodworker's Journal
 _____ Workbench _____ Other _____

4. Which of the following woodworking / remodeling shows do
 you watch?
 _____ Backyard America _____ The American Woodworker
 _____ Home Time _____ The New Yankee Workshop
 _____ This Old House _____ Woodwright's Shop
 Other _____

5. What is your annual household income?
 _____ \$20,000 to \$29,999 _____ \$30,000 to \$39,999
 _____ \$40,000 to \$49,999 _____ \$50,000 to \$59,999
 _____ \$60,000 to \$69,999 _____ 70,000 to \$79,999
 _____ \$80,000 to \$89,999 _____ \$90,000 +

6. What is your age group?
 _____ 20 to 29 years _____ 30 to 39 years
 _____ 40 to 49 years _____ 50 to 59 years
 _____ 60 to 69 years _____ 70 + years

7. How long have you been a woodworker?
 _____ 0 to 2 years _____ 2 to 8 years
 _____ 8 to 20 years _____ over 20 years

8. How would you rank your woodworking skills?
 _____ Simple _____ Intermediate
 _____ Advance _____ Master Craftsman

9. How many Steel City machines do you own? _____

10. What stationary woodworking tools do you own?
Check all that apply.
 _____ Air Compressor _____ Band Saw
 _____ Drill Press _____ Drum Sander
 _____ Dust Collection _____ Horizontal Boring Machine
 _____ Jointer _____ Lathe
 _____ Mortiser _____ Panel Saw
 _____ Planer _____ Power Feeder
 _____ Radial Arm Saw _____ Shaper
 _____ Spindle Sander _____ Table Saw
 _____ Vacuum Veneer Press _____ Wide Belt Sander
 Other _____

11. Which benchtop tools do you own? *Check all that apply.*
 _____ Belt Sander _____ Belt / Disc Sander
 _____ Drill Press _____ Band Saw
 _____ Grinder _____ Mini Jointer
 _____ Mini Lathe _____ Scroll Saw
 _____ Spindle / Belt Sander _____ Other _____

12. Which portable / hand held power tools do you own?
Check all that apply.
 _____ Belt Sander _____ Biscuit Jointer
 _____ Dust Collector _____ Circular Saw
 _____ Detail Sander _____ Drill / Driver
 _____ Miter Saw _____ Orbital Sander
 _____ Palm Sander _____ Portable Thickness Planer
 _____ Saber Saw _____ Reciprocating Saw
 _____ Router _____ Other _____

13. What machines / accessories would you like to see added to the
 STEEL CITY line?

14. What new accessories would you like to see added?

15. Do you think your purchase represents good value?
 _____ Yes _____ No

16. Would you recommend STEEL CITY products to a friend?
 _____ Yes _____ No

17. Comments:

FOLD ON DOTTED LINE

PLACE
STAMP
HERE

SteelCityToolWorks
4 Northpoint Court
Bolingbrook, IL 60440

FOLD ON DOTTED LINE

PRODUCT SPECIFICATIONS

Cutting Capacity(height)	6"
Cutting Capacity(width)	14"
Blade Length	93-1/2"
Blade Speed	2500 SFPM
Minimum Blade Width	1/8"
Maximum Blade Width	3/4"
Table Size	14" x 14"
Table Tilt	45R, 3L
Table Height from Floor	42.13"
Wheel Diameter	14"
Dust Port Size	2.5"

PRODUCT DIMENSIONS

Footprint	16.14" x 24.41"
Width	25.6"
Depth	16.14"
Height	66.14"
Net Weight	200 lbs

MOTOR

Horsepower	3/4 HP
Amps	10 / 5A
Volts	120 / 240V
Phase	single
Hertz	60Hz
RPM	1725

SHIPPING DIMENSIONS:

Carton Type	cardboard carton
Width	44.5"
Depth	21.3"
Height	23"
Gross Weight	213.3 lbs.

ACCESSORIES: (Optional, Sold Separately)

- 50415G Fence Assy

Carton Type: cardboard carton
Width(29") x Depth (8.3") x Height(5.1")
Gross Weight: 14.0 lbs

- 50126R Riser Block Assy

Carton Type: cardboard carton
Width(24") x Depth(12.4") x Height(5.4")
Gross Weight: 17.8lbs

ACCESSORIES AND ATTACHMENTS

There are a variety of accessories available for your Steel City Product. For more information on any accessories associated with this and other machines, please contact your nearest Steel City distributor, or visit our website at: www.steelcitytoolworks.com.

DEFINITION OF TERMS

Blade drift- A problem that may occur when the blade begins to wander off the cutting line.

Crosscutting- Cutting across the grain of the work-piece.

Guide Bearings - Located on either side of the blade, providing stability for blade while in operation

Resaw- The process of slicing stock to reduce its thickness.

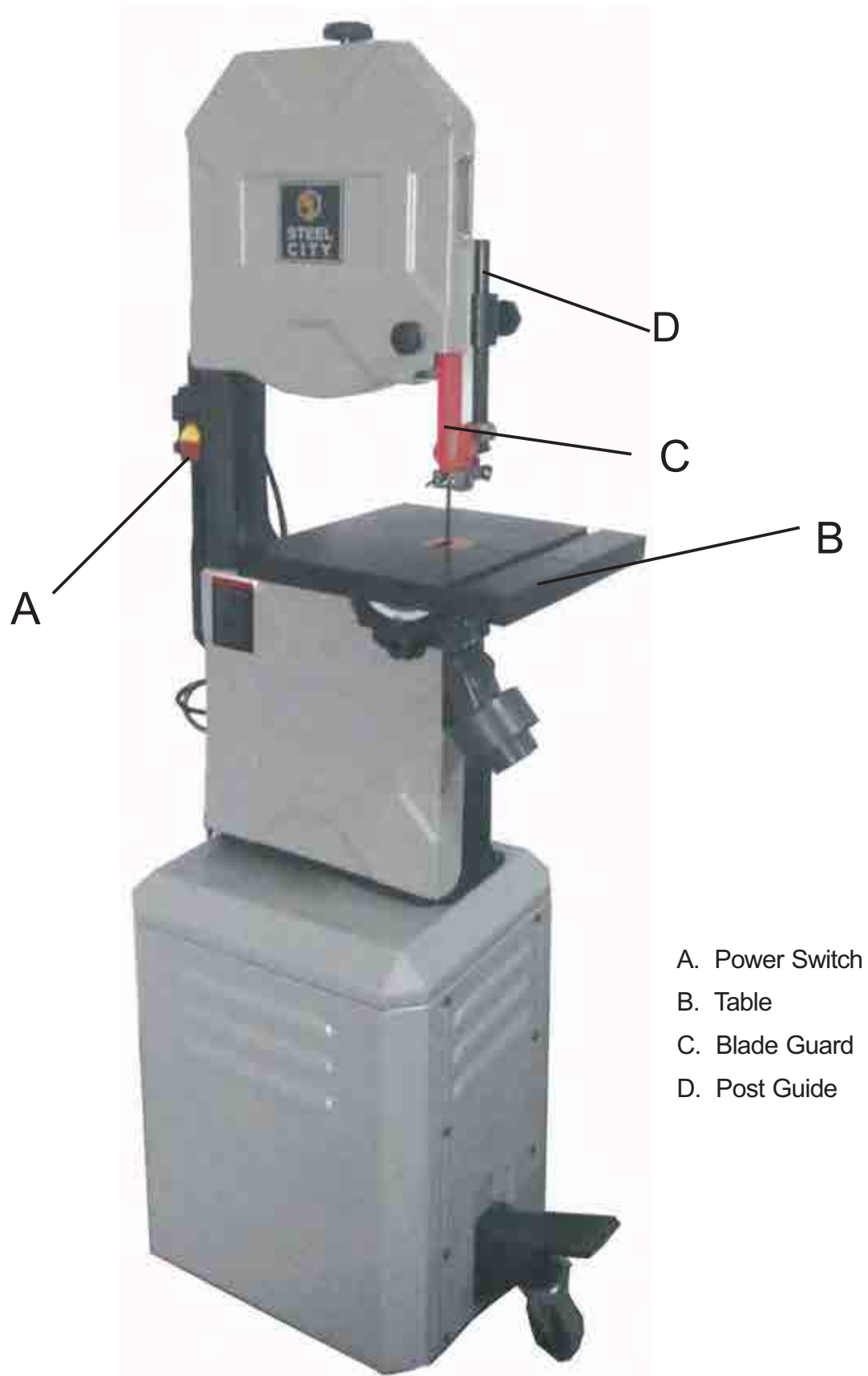
Ripping - Cutting lengthwise down the workpiece with the grain of the wood.

Set - Refers to the way in which the saw teeth are bent or positioned.

Tracking- refers to the position of the saw blade on the wheels while the machine is running.

Thrust Bearing- Located behind the saw blade, providing support to the back of the blade when the saw is in operation.

FEATURE IDENTIFICATION



GENERAL SAFETY

WARNING

TO AVOID serious injury and damage to the machine, read and follow all Safety and Operating Instructions before assembling and operating this machine.

This manual is not totally comprehensive. It does not and can not convey every possible safety and operational problem which may arise while using this machine. The manual will cover many of the basic and specific safety procedures needed in an industrial environment.

All federal and state laws and any regulations having jurisdiction covering the safety requirements for use of this machine take precedence over the statements in this manual. Users of this machine must adhere to all such regulations.

Below is a list of symbols that are used to attract your attention to possible dangerous conditions.



This is the international safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

Indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

WARNING

Indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices.

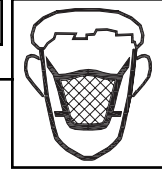
CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTICE

This symbol is used to alert the user to useful information about proper operation of the machine.

WARNING



Exposure to the dust created by power sanding, sawing, grinding, drilling and other construction activities may cause serious and permanent respiratory or other injury, including silicosis (a serious lung disease), cancer, and death. Avoid breathing the dust, and avoid prolonged contact with dust. The dust may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

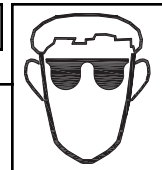
Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

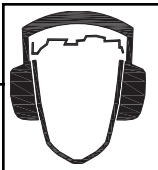
Always operate tool in well ventilated area and provide for proper dust removal. Use a dust collection system along with an air filtration system whenever possible. Always use properly fitting NIOSH/OSHA approved respiratory protection appropriate for the dust exposure, and wash exposed areas with soap and water.

1. To avoid serious injury and damage to the machine, read the entire User Manual before assembly and operation of this machine.

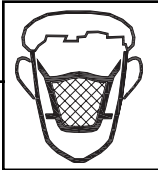
WARNING



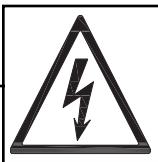
2. **ALWAYS** wear eye protection. Any machine can throw debris into the eyes during operations, which could cause severe and permanent eye damage. Everyday eyeglasses are **NOT** safety glasses. **ALWAYS** wear Safety Goggles (that comply with ANSI standard Z87.1) when operating power tools.

⚠ WARNING

3. **ALWAYS** wear hearing protection. Plain cotton is not an acceptable protective device. Hearing equipment should comply with ANSI S3.19 Standards.

⚠ WARNING

4. **ALWAYS** wear a NIOSH/OSHA approved dust mask to prevent inhaling dangerous dust or airborne particles.
5. **ALWAYS** keep the work area clean, well lit, and organized. **DO NOT** work in an area that has slippery floor surfaces from debris, grease, and wax.
6. **ALWAYS** unplug the machine from the electrical receptacle before making adjustments, changing parts or performing any maintenance.
7. **AVOID ACCIDENTAL STARTING.** Make sure that the power switch is in the "OFF" position before plugging in the power cord to the electrical receptacle.

⚠ WARNING

8. **AVOID** a dangerous working environment. **DO NOT** use electrical tools in a damp environment or expose them to rain or moisture.

⚠ WARNING

9. **CHILDPROOF THE WORKSHOP AREA** by removing switch keys, unplugging tools from the electrical receptacles, and using padlocks.
10. **DO NOT** use electrical tools in the presence of flammable liquids or gasses.

11. **DO NOT FORCE** the machine to perform an operation for which it was not designed. It will do a safer and higher quality job by only performing operations for which the machine was intended.
12. **DO NOT** stand on a machine. Serious injury could result if it tips over or you accidentally contact any moving part.
13. **DO NOT** store anything above or near the machine.
14. **DO NOT** operate any machine or tool if under the influence of drugs, alcohol, or medication.
15. **EACH AND EVERY** time, check for damaged parts prior to using any machine. Carefully check all guards to see that they operate properly, are not damaged, and perform their intended functions. Check for alignment, binding or breakage of all moving parts. Any guard or other part that is damaged should be immediately repaired or replaced.
16. Ground all machines. If any machine is supplied with a 3-prong plug, it must be plugged into a 3-contact electrical receptacle. The third prong is used to ground the tool and provide protection against accidental electric shock. **DO NOT** remove the third prong.
17. Keep visitors and children away from any machine. **DO NOT** permit people to be in the immediate work area, especially when the machine is operating.
18. **KEEP** protective guards in place and in working order.
19. **MAINTAIN** your balance. **DO NOT** extend yourself over the tool. Wear oil resistant rubber soled shoes. Keep floor clear of debris, grease, and wax.
20. **MAINTAIN** all machines with care. **ALWAYS KEEP** machine clean and in good working order. **KEEP** all blades and tool bits sharp.
21. **NEVER** leave a machine running, unattended. Turn the power switch to the OFF position. **DO NOT** leave the machine until it has come to a complete stop.
22. **REMOVE ALL MAINTENANCE TOOLS** from the immediate area prior to turning the machine ON.
23. **SECURE** all work. When it is possible, use clamps or jigs to secure the workpiece. This is safer than attempting to hold the workpiece with your hands.
24. **STAY ALERT**, watch what you are doing, and use common sense when operating any machine. **DO NOT** operate any machine tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.

25. **USE ONLY** recommended accessories. Use of incorrect or improper accessories could cause serious injury to the operator and cause damage to the machine. If in doubt, **DO NOT** use it.
26. **THE USE** of extension cords is not recommended for 230V equipment. It is better to arrange the placement of your equipment and the installed wiring to eliminate the need for an extension cord. If an extension cord is necessary, refer to the chart in the Grounding Instructions section to determine the minimum gauge for the extension cord. The extension cord must also contain a ground wire and plug pin.
27. Wear proper clothing, **DO NOT** wear loose clothing, gloves, neckties, or jewelry. These items can get caught in the machine during operations and pull the operator into the moving parts. Users must wear a protective cover on their hair, if the hair is long, to prevent it from contacting any moving parts.
28. **SAVE** these instructions and refer to them frequently and use them to instruct other users.
29. Information regarding the safe and proper operation of this tool is also available from the following sources:
- Power Tool Institute
1300 Summer Avenue
Cleveland, OH 44115-2851
www.powertoolinstitute.org
- National Safety Council
1121 Spring Lake Drive
Itasca, IL 60143-3201
- American National Standards Institute
25 West 43rd St, 4th Floor
New York, NY. 10036
ANSI Z39.1 Safety Requirements
For Woodworking Machines
WWW.ANSI.ORG
- U.S. Department of Labor Regulations
OSHA 1910.213 Regulations
WWW.OSHA.GOV

PRODUCT SAFETY

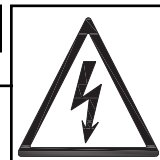
1. Serious personal injury may occur if normal safety precautions are overlooked or ignored. Accidents are frequently caused by lack of familiarity or failure to pay attention. Obtain advice from supervisor, instructor, or another qualified individual who is familiar with this machine and its operations.
2. Every work area is different. Always consider safety first, as it applies to your work area. Use this machine with respect and caution. Failure to do so could result in serious personal injury and damage to the machine.
3. Prevent electrical shock. Follow all electrical and safety codes, including the National Electrical Code (NEC) and the Occupational Safety and Health Regulations (OSHA). All electrical connections and wiring should be made by qualified personnel only.
5. **STOP** using this machine, if at any time you experience difficulties in performing any operation. Contact your supervisor, instructor or machine service center immediately.
6. Safety decals are on this machine to warn and direct you to how to protect yourself or visitors from personal injury. These decals **MUST** be maintained so that they are legible. **REPLACE** decals that are not legible.
7. **DO NOT** leave the unit plugged into the electrical outlet. Unplug the unit from the outlet when not in use and before servicing, performing maintenance tasks, or cleaning.
8. **ALWAYS** turn the power switch "OFF" before unplugging the bandsaw.

WARNING



4. **TO REDUCE** the risk of electrical shock. **DO NOT** use this machine outdoors. **DO NOT** expose to rain or moisture. Store indoors in a dry area.

WARNING



9. **DO NOT** handle the plug or bandsaw with wet hands.

10. **USE** accessories only recommended by Steel City.
11. **DO NOT** pull the bandsaw by the power cord. **NEVER** allow the power cord to come in contact with sharp edges, hot surfaces, oil or grease.
12. **DO NOT** unplug the bandsaw by pulling on the power cord. **ALWAYS** grasp the plug, not the cord.
13. **REPLACE** a damaged cord immediately. **DO NOT** use a damaged cord or plug. **DO NOT USE** if the band saw is not operating properly, or has been damaged, left outdoors or has been in contact with water.
14. **DO NOT** use the bandsaw as a toy. **DO NOT** use near or around children.
15. **ENSURE** that the machine sits firmly on the floor before using. If the machine wobbles or is unstable, correct the problem by using shims or blocks prior to operation.
16. **MATCH** the blade type and size to the workpiece being cut.
17. **MAKE SURE** that the blade tension is set appropriately for the size of blade being used.
18. **MAKE SURE** that the blade is tracking properly by manually turning the wheels before starting the machine.
19. **ADJUST** all blade guides as specified in the operating instructions.
20. **ADJUST** the upper guide to a point about 1/4" above the workpiece being cut.
21. **DO NOT** cut work pieces that do not have a flat bottom without properly supporting the piece to maintain a stable position.
22. **KEEP** hand and fingers away from blade.
23. **HOLD** workpiece firmly and use a moderate feed speed.
24. **MAKE** "relief" cuts before cutting curves.
25. **TURN OFF** machine before backing the workpiece out of an incomplete cut.
26. **TURN OFF** the machine before removing scrap Pieces.
27. With the machine **TURNED OFF**, clean dust build-up around lower blade guides regularly.

ELECTRICAL REQUIREMENTS

WARNING



To reduce the risk of electric shock, follow all electrical and safety codes, including the National Electric Code (NEC) and the Occupational Safety and Health Regulations (OSHA). All electrical connections and wiring should be made by qualified personnel only.

The switch provided with your saw is a dual voltage capable switch, meaning it is designed to function at either 120 or 240 volts. The switch and saw come prewired for 120 volt operation. If you decide to convert the saw to 240V, you will have to replace the 120 volt plug on the switch with a UL/CSA Listed plug, suitable for 240 volts. The bandsaw with a 240 volt plug should only be connected to an outlet having the same configuration as the plug. No adapter is available or should be used with the 230 volt plug. Once the modification has been made to the plug of the switch, be sure to follow the instructions under CHANGING MOTOR VOLTAGE for changing the motor voltage from 120 volt to 240 volt in the ADJUSTMENTS section of this manual.

GROUNDING INSTRUCTIONS

⚠ WARNING



This machine **MUST BE GROUNDED** while in use to protect the operator from electric shock.

In the event of a malfunction or breakdown, **GROUNDING** provides the path of least resistance for electric current and reduces the risk of electric shock. The plug **MUST** be plugged into a matching electrical receptacle that is properly installed and grounded in accordance with **ALL** local codes and ordinances.

If a plug is provided with your machine **DO NOT** modify the plug. If it will not fit your electrical receptacle, have a qualified electrician install the proper connections to meet all electrical codes local and state. All connections must also adhere to all of OSHA mandates.

IMPROPER ELECTRICAL CONNECTION of the equipment-grounding conductor can result in risk of electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment-grounding conductor. **DO NOT** connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if you do not completely understand the grounding instructions, or if you are not sure the tool is properly grounded.

PLUGS/RECEPTACLES

⚠ WARNING



- Electrocution or fire could result if this machine is not grounded properly or if the electrical configuration does not comply with local and state electrical codes.
- **MAKE CERTAIN** the machine is disconnected from power source before starting any electrical work.
- **MAKE SURE** the circuit breaker does not exceed the rating of the plug and receptacle.

Depending on which model you have, the motor supplied with your machine is either a 120/240 volt, 60 hertz, single phase motor, or a dedicated 240 volt, 60 hertz, single phase motor. Never connect the green or ground wire to a live terminal.

The machine should only be connected to an outlet having the same configuration as the plug.

EXTENSION CORDS

⚠ WARNING



To reduce the risk of fire or electrical shock, use the proper gauge of extension cord. When using an extension cord, be sure to use one heavy enough to carry the current your machine will draw.

The smaller the gauge-number, the larger the diameter of the extension cord is. If in doubt of the proper size of an extension cord, use a shorter and thicker cord. An undersized cord will cause a drop in line voltage resulting in a loss of power and overheating.

⚠ CAUTION

USE ONLY a 3-wire extension cord that has a 3-prong grounding plug and a 3-pole receptacle that accepts the machine's plug.

If you are using an extension cord outdoors, be sure it is marked with the suffix "W-A" ("W" in Canada) to indicate that it is acceptable for outdoor use.

Make certain the extension cord is properly sized, and in good electrical condition. Always replace a worn or damaged extension cord immediately or have it repaired by a qualified person before using it.

Protect your extension cords from sharp objects, excessive heat, and damp or wet areas.

MINIMUM RECOMMENDED GAUGE FOR EXTENSION CORDS (AWG)

120 VOLT OPERATION ONLY			
	25' LONG	50' LONG	100' LONG
0 to 6 Amps	18 AWG	16 AWG	16 AWG
6 to 10 Amps	18 AWG	16 AWG	14 AWG
10 to 12 Amps	16 AWG	16 AWG	14 AWG
12 to 15 Amps	14 AWG	12 AWG	Not recommended

MINIMUM RECOMMENDED GAUGE FOR EXTENSION CORDS (AWG)

240 VOLT OPERATION ONLY			
	25' LONG	50' LONG	100' LONG
0 to 6 Amps	18 AWG	18 AWG	16 AWG
6 to 10 Amps	18 AWG	18 AWG	14 AWG
10 to 12 Amps	16 AWG	16 AWG	14 AWG
12 to 15 Amps	14 AWG	12 AWG	Not recommended

UNPACKING & INVENTORY

⚠ WARNING



- The machine is heavy, two people are required to unpack and lift.
- Use a safety strap to avoid tip over when lifting machine.

Check shipping carton and machine for damage before unpacking. Carefully remove packaging materials, parts and machine from shipping carton. Always check for and remove protective shipping materials around motors and moving parts. Lay out all parts on a clean work surface.

Remove any protective materials and coatings from all of the parts and the bandsaw. After cleaning, apply a good quality paste wax to any unpainted surfaces. Make sure to buff out the wax before assembly.

Compare the items to inventory figures; verify that all items are accounted for before discarding the shipping box.

⚠ WARNING

If any parts are missing, do not attempt to plug in the power cord and turn "ON" the machine. The machine should only be turned "ON" after all the parts have been obtained and installed correctly. For missing parts, contact Steel City at 1-877-SC4-TOOL.

A. V-Belt

B. ACCESS PANEL

C. PULLEY COVER

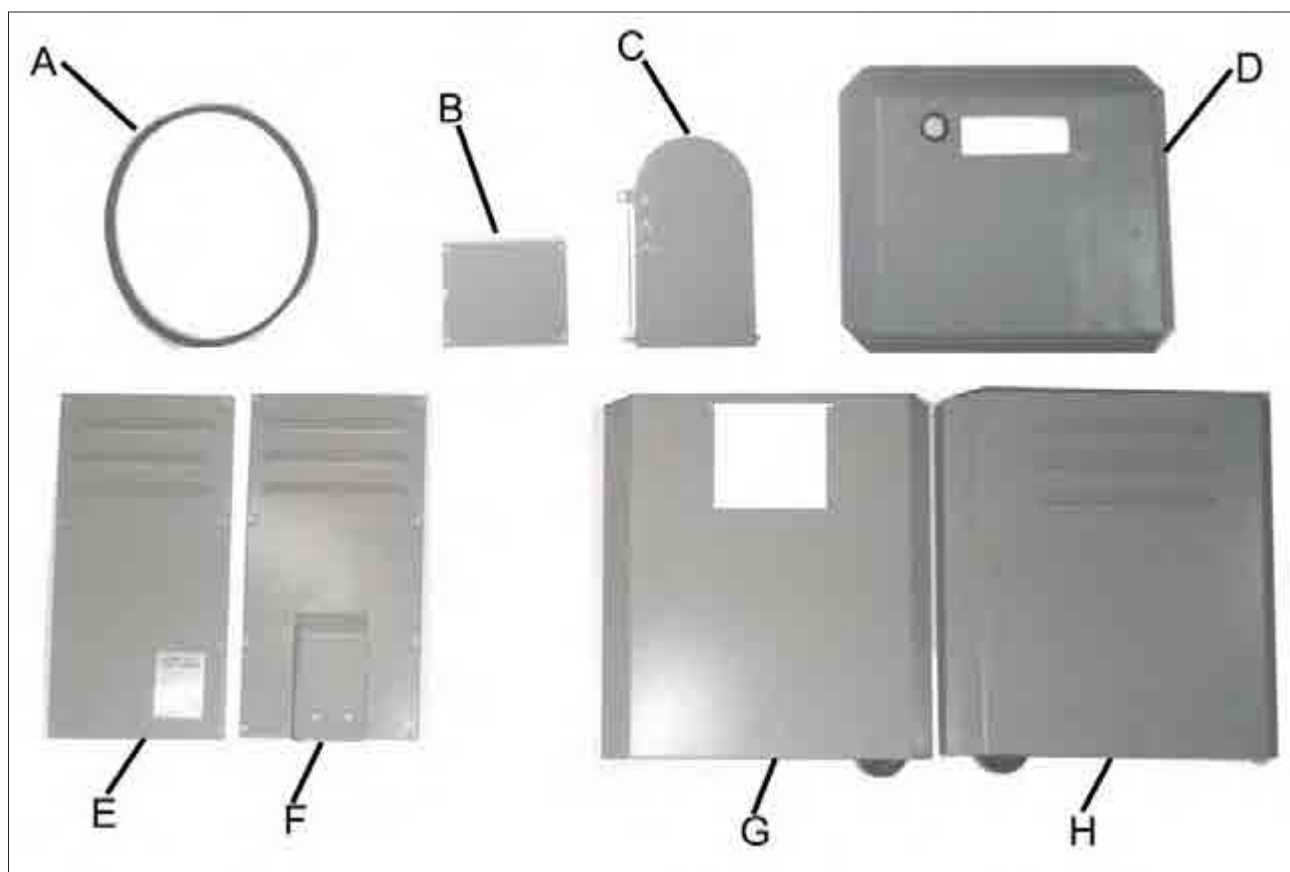
D. CABINET TOP PLATE

E. CABINET REAR DOOR

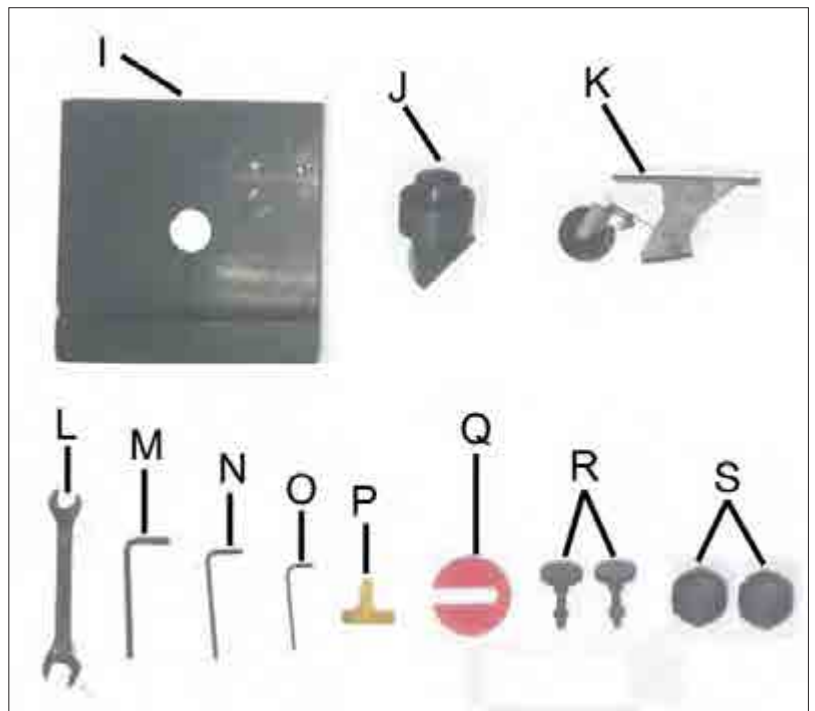
F. CABINET FRONT DOOR

G. CABINET RIGHTSIDE PLATE

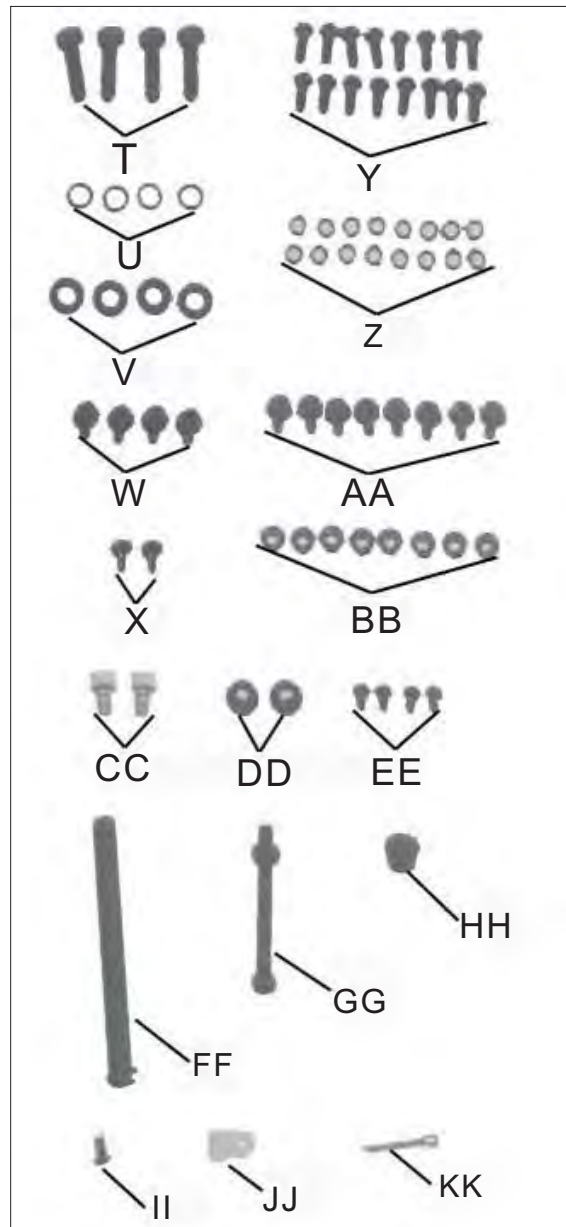
H. CABINET LEFTSIDE PLATE



- I. TABLE
- J. DUST CHUTE
- K. PEDAL
- L. OPEN END WRENCH
- M. 4mm ALLEN WRENCH
- N. 3mm ALLEN WRENCH
- O. 2.5mm ALLEN WRENCH
- P. KEY SWITCH
- Q. TABLE INSERT
- R. LEVELING FOOT (2)
- S. TABLE LOCKING KNOB (2)



- T. M8X40mm HEX HEAD SCREW (4)
- U. SPRING WASHER M8 (4)
- V. FLAT WASHER M8 (4)
- W. HEX HD FLANGE SCREW M6X12mm (4)
- X. PAN HD SCR TAP M4.8XP1.6X16L (2)
- Y. HEX SOC HD SCR M6X16 (16)
- Z. SPRING WASHER M6 (16)
- AA. HEX HD FLANGE SCREW M6X12 (8)
- BB. HEX FLANGE NUT M6 (8)
- CC. BOLT RD HD SQU NECK M8x16 (2)
- DD. HEX FLANGE NUT M8 (2)
- EE. SCR HEX SOC BUT HD M5x10 (2)
- FF. MOTOR FIXED ROD (1)
- with RETAINING RING, EXT 12 (1)
- GG. HEX HD SCREW M8X75 (1)
- with HEX NUT M8 (1)
- HH. DAMPING WASHER (1)
- II. SCR HEX SOC INNER HD M5X10 (5)
- JJ. CABLE CLAMP GCL-5/16S (1)
- KK. COTTER PIN (1)



ASSEMBLY

CABINET ASSEMBLY

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Fix the motor on the top plate using Motor fixed rod (A) that with $\Phi 12$ ring and cotter pin(B). Using M5X12mm Pan head screw(C) and cable clamp(D) to fix the motor power cord(E). **SEE FIG. 1**

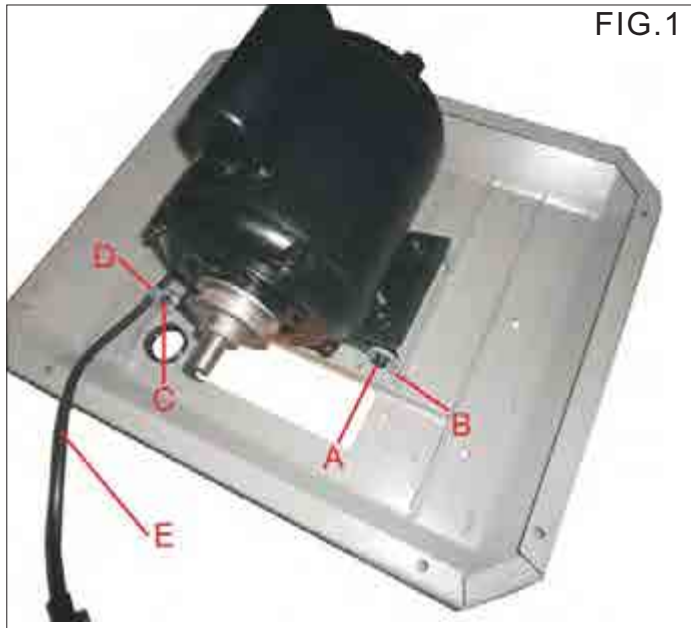
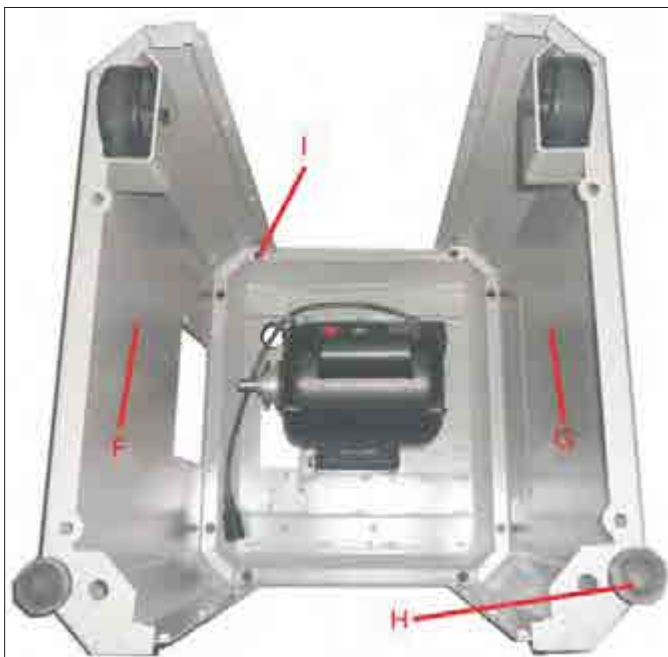


FIG.1

2. Fasten the RIGHTSIDE PLATE(F) and LEFTSIDE PLATE(G) using 8pcs M6x12mm Hex HD Flange Screw(I) and 8pcs M6 Hex Head Flange Nut. Then, fasten 2pcs M8 nuts onto each leveling feet (H). **SEE FIG.2**

FIG.2



3. Using 2pcs M8x16mm Carriage bolt (J) and 2pcs Hex Flange Nut to lock the Rotation Wheel Assy (K). **SEE FIG. 3**

FIG.3



4. Fix Front Door Plate / Rear Door Plate onto Cabinet : using 16pcs Hex Soc HD SCR M6X16mm(N) and 16pcs Spring Washer M6 to lock the Front Door Plate(L) and Rear Door Plate(M). **SEE FIG.4**

FIG.4



⚠ CAUTION

Take care to support the motor when turning the base right side up. Failure to do so can cause the motor to slam into the side of the cabinet damaging the motor, cabinet or both.

ATTACHING BAND SAW TO BASE

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

⚠ WARNING



The bandsaw is very heavy. Two people are required for this step.

1. Place the bandsaw on top of the base making sure to line up the four holes in the base with the four Holes in the casting of the bandsaw.

NOTE: When placing the bandsaw on the base, make sure that the exposed pulley (A) and the cutout (B) in the base are on the same side. **SEE FIG. 5.**



2. Fasten the bandsaw to the base using four M8 x40mm Hex head screws, four M8 flat washers, and four M8 lock washers.

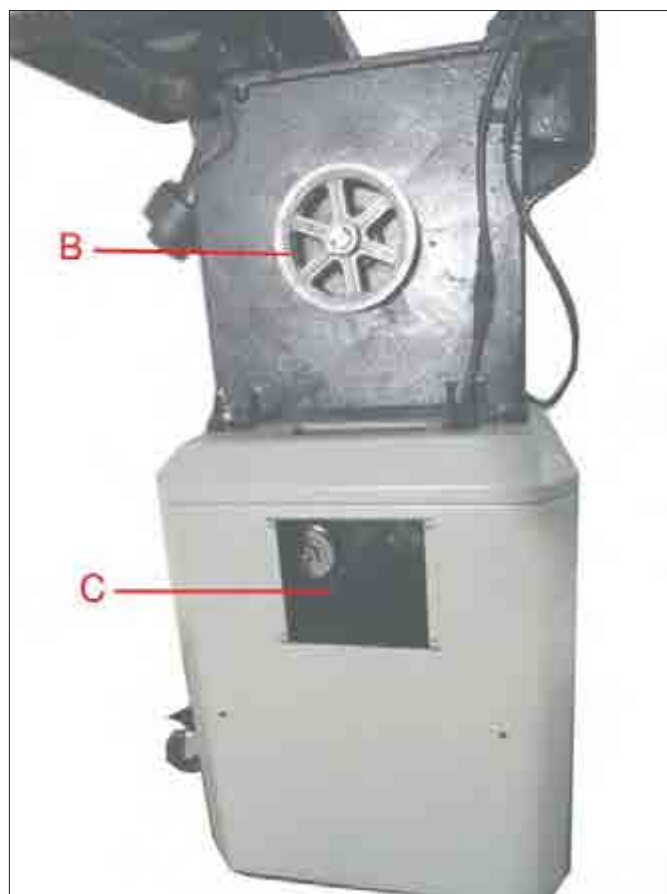
INSTALLING BELT AND BELT GUARD

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Install Belt by “walking” the belt onto the Band saw Pulley (B) and the Motor pulley (C). **SEE FIG.6**

FIG. 6



2. Once the belt is installed, confirm that the pulleys are aligned using a straight edge on the outer face of both pulleys. **SEE FIG.7.** If an adjustment is necessary, please loosen 2 set screws, move pulley into alignment and secure the 2 set screws. **SEE FIG.7-1**



Fig.7

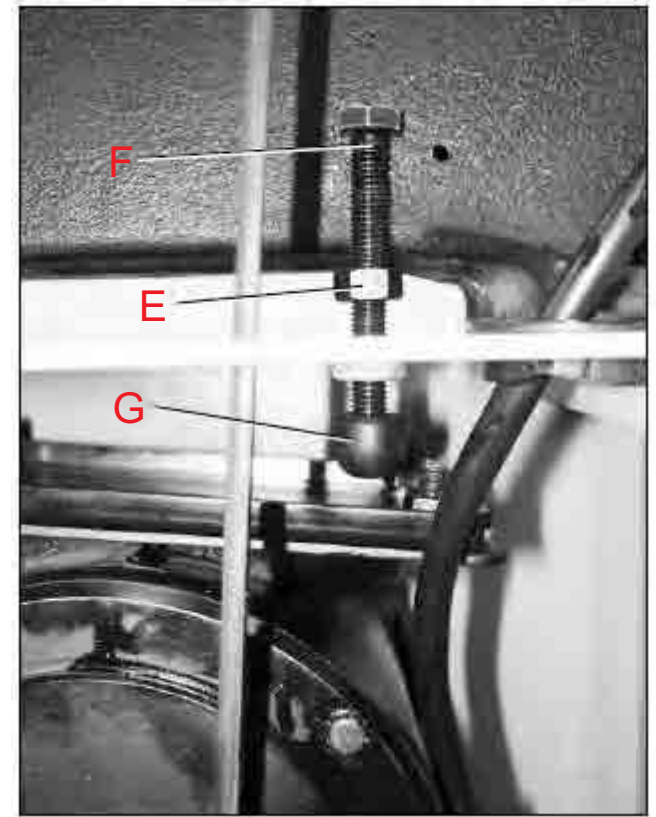


Fig.8

6. Fasten the pulley cover (H) to the bandsaw using the 4pcs pan head flange screws. **SEE FIG. 9.**
7. Install the Access Panel using 4pcs M5X10mm Hex head cap screws(I). **SEE FIG. 9.**

Fig.9

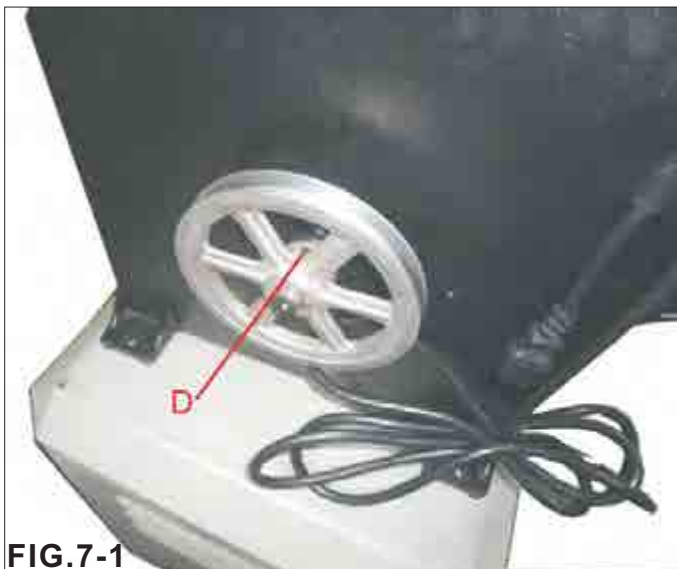


FIG.7-1

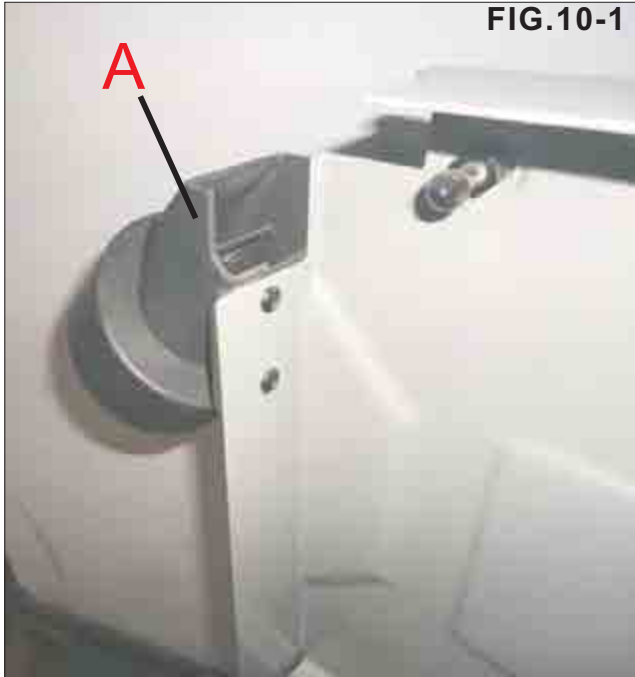
3. Install one M8 Hex Nut (E) onto the motor tensioning bolt (F) and thread the bolt into the base of the bandsaw. **SEE FIG. 8.**
4. Once the tensioning bolt is installed, push the dampening washer(G) onto the end of bolt
5. Tighten the motor tensioning bolt until it can come in contact with the motor plate. Continue tightening until there is about 1" deflection in the belt when squeezed at its midpoint. Once the correct belt

MOUNTING THE TABLE

⚠ WARNING

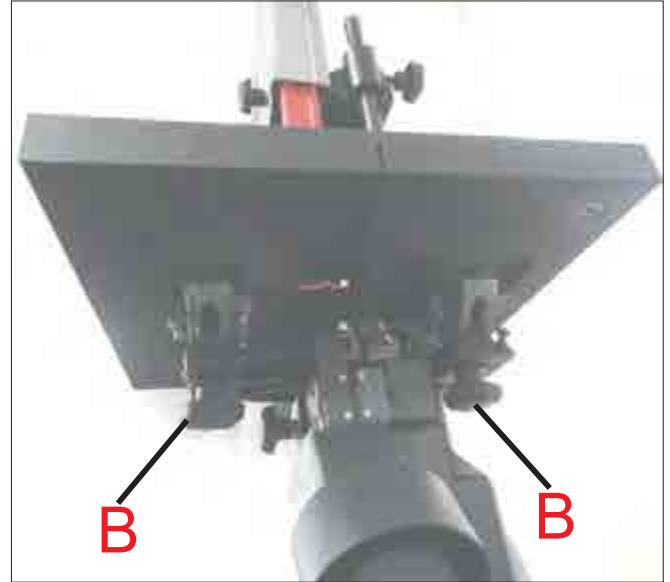
MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. To install the dust chute(A) onto lower door cover using 2pcs M4.8X16mm screws. **SEE FIG.10-1**



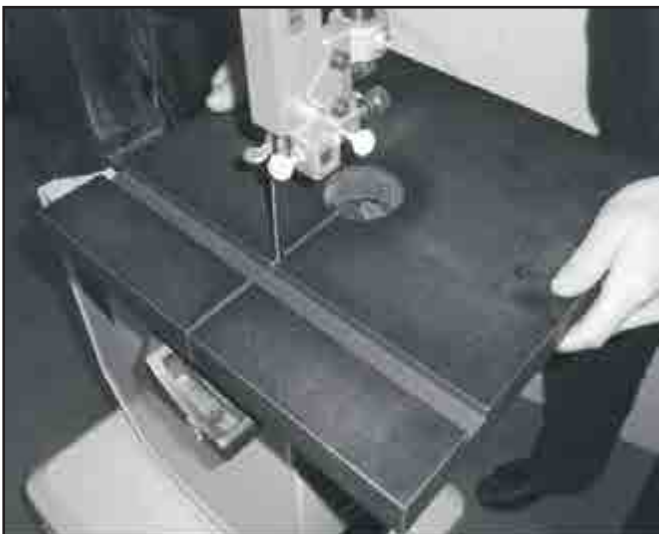
3. Position the two threaded bolts so that they line up with the holes in the trunnion. Once the bolts are through the holes, fasten the table using the two Table lock knobs (B). **SEE FIG. 11.**

Fig.11



2. Feed the blade through the slot in the table. **SEE FIG.10**

Fig. 10



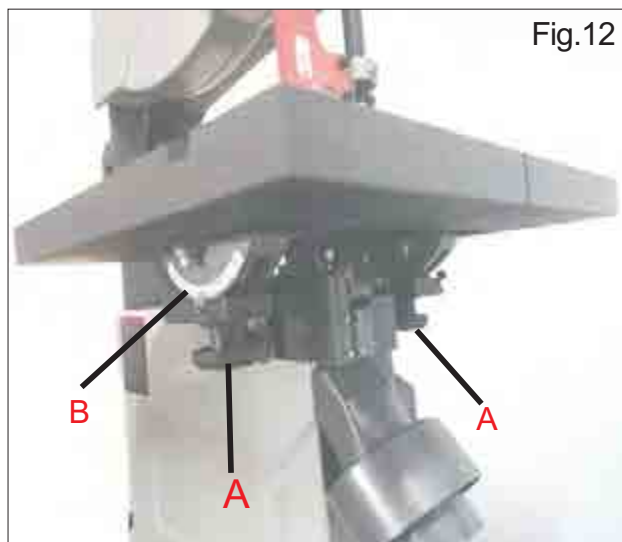
3. Once the blade reaches the center hole of the table, rotate the table 90 degrees so that the miter slot is towards the right of the machine.

ADJUSTMENT

TABLE TILT

The table on your bandsaw is designed to tilt up to 45 degrees to the right and up to 3 degrees to the left. To tilt the table:

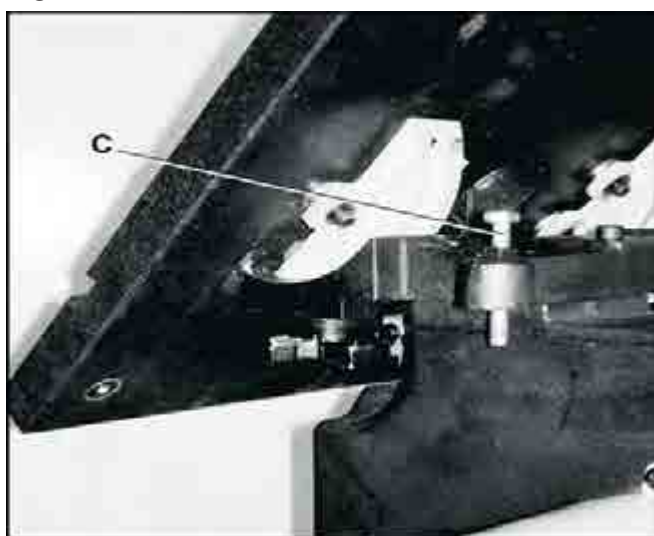
1. Loosen both lock knobs (A) on the underside of the Table. **SEE FIG. 12.**



2. Tilt the table to the right noted that the scale (B) shows the angle of the table.
3. Re-tighten lock knobs when desired angle is achieved.

NOTE: This positive stop bolt (C) used to adjust table to match the blade at 90 degrees. **SEE FIG. 13.**

Fig.13



SETTING BLADE TENSION

The blade tension is set by using the blade tension knob. It **MUST** be set prior to initial operation as it plays a vital role in setup of other features of the band-saw. It should also be checked when the blade is replaced, and from time to time as the blade will stretch after prolonged use. Keep in mind that putting too much or too little tension can cause either blade break-age (too much pressure) or poor cutting results (too little pressure).

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

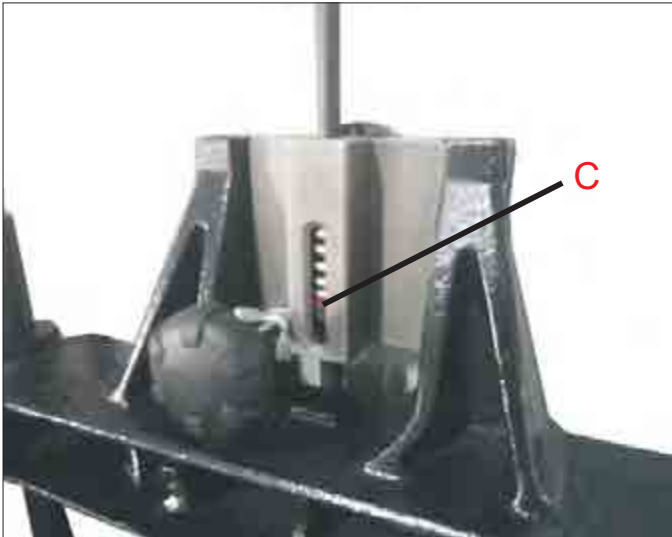
1. Set the blade tension by rotating the knob (A). Turning the knob clockwise increases the tension while turning the handwheel counterclockwise decreases the tension. **SEE FIG.14**

Fig.14



2. As you rotate the knob you will notice a red marker(C) on the inside of the scale. This is to be used as a guideline for the blade tension depending on the width of the blade. For example if you are using a 1/8" blade, align the red marker inside the scale with the 1/8" mark on the outside of the scale. **SEE FIG. 15.**

Fig.15



NOTE: The scale is only a recommended guideline for tensioning. Always follow the blade manufacturer's recommendations for proper blade tension.

NOTE: When the bandsaw is not in use, it is a good idea to release the tension on the blade using the knob.

BLADE TRACKING

Blade tracking refers to the way the saw blade rides on the wheels while the machine is in operation. This adjustment has been set at the factory, but it is good practice to check the tracking each time before using the machine. Tracking should also be checked after a blade change.

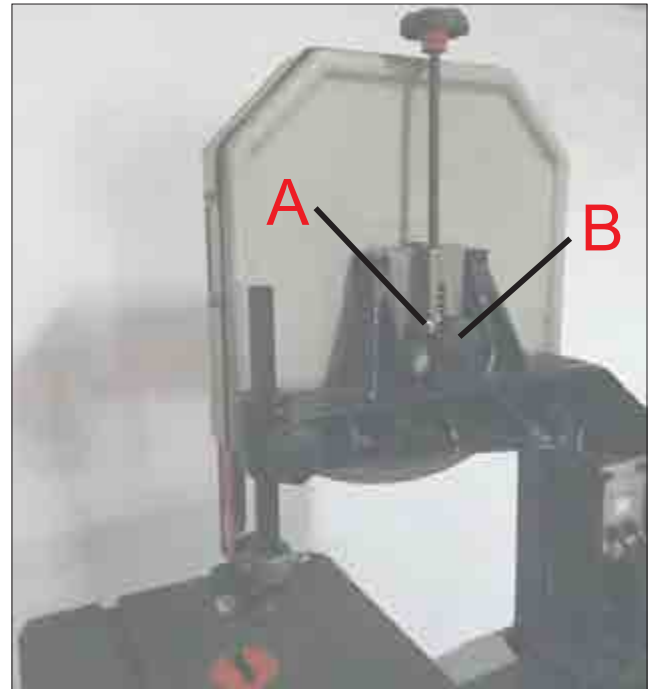
⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Open the upper door exposing the top wheel of the bandsaw.
2. Rotate the wheel clockwise, by hand, and take note of the position of the blade on the wheel. The blade should ride on the center of the wheel.

3. If the blade does not ride on the center of the wheel, or starts to move towards the edge of the wheel, loosen the wingnut (A) and turn the tracking adjustment knob (B). **SEE FIG. 16.**

Fig.16



NOTICE: When using the tracking adjustment knob, do so in small increments as this is a sensitive adjustment.

4. Rotate the wheel again. Repeat steps 2 through 4 until the blade rides on the center of the wheel.
5. Once proper tracking is achieved, close and secure the upper door and retighten wing nut loosened in step 3.

ADJUSTING TABLE POSITIVE STOPS

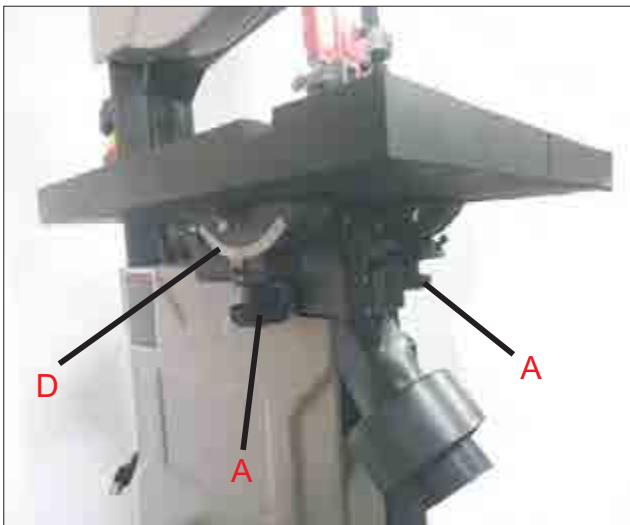
CAUTION

DO NOT attempt to set the positive stops until you have checked and/ or adjusted both the blade tension and blade tracking. Refer to **SETTING BLADE TENSION** And **BLADE TRACKING** in the **ADJUSTMENTS** section of this manual.

SETTING 90 DEGREE STOP

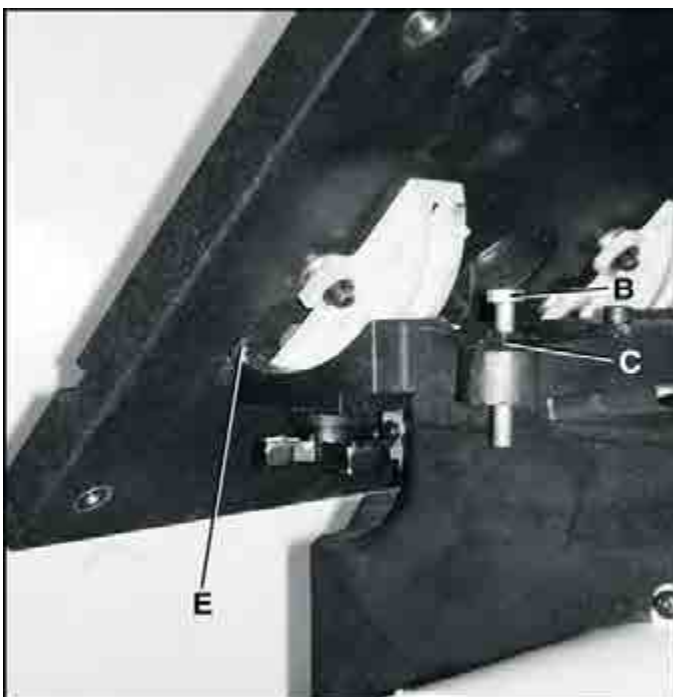
1. Loosen both table locking knobs (A). **SEE FIG 17.**

Fig.17



2. Let the table rest against the 90 degree stop (B). **SEE FIG.18**

Fig. 18



3. Place a gage on the tabletop and up against the saw blade. **SEE FIG.19.**

Fig.19



4. If an adjustment is necessary, tilt the table until it is square to the blade and tighten the two lock knobs. **SEE FIG.19**
5. Loosen Hex Nut (C) and adjust the 90 degree positive stop (B) until it contacts the underside of the table. Retighten Hex Nut. **SEE FIG. 18.**
6. Adjust pointer on the bevel scale (D) to read zero, if necessary. **SEE FIG. 18.**

SETTING 45 DEGREE STOP

1. Loosen the table lock knobs (A). **SEE FIG. 17.**
2. Tilt the table until the pointer on the bevel scale lines up at the 45 degree mark.
3. The 45 degree positive stop (E) should contact the table at this point. **SEE FIG. 18.**
4. If an adjustment is necessary, loosen the hex nut on the 45 degree stop and adjust stop until it contacts the table when the bevel scale reads 45 degrees.
5. Once the stop is set, retighten the hex nut.

UPPER BEARING ADJUSTMENT

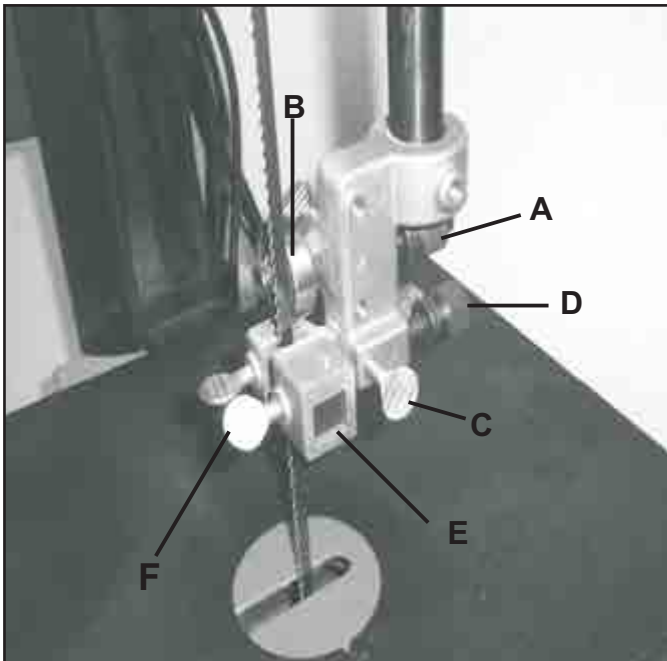
NOTICE: Make certain that you have followed all of the steps in the SETTING BLADE TENSION section in the ADJUSTMENTS section of this manual prior to starting this section.

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Loosen adjust nut (A) and slide thrust bearing (B) until it is within .003 of the saw blade. This is equivalent to about the thickness of a dollar bill. Once the thrust bearing is set, retighten adjust nut **SEE FIG. 20.**

Fig.20



2. The block guide (E) should be positioned within 1/32" of the blade. If an adjustment is necessary, loosen thumbscrew (C) and adjust knob (D) until the block guide is within 1/32" of the blade. Use this process for the left and right block guides. Thumb screw(F) in FIG.20 is used to hold the blocks in place. Loosen and move if necessary to achieve 1/32" to the blade, and then tighten.
3. Once block guides and thrust bearing are set, make certain that all thumbscrews are re-tightened.

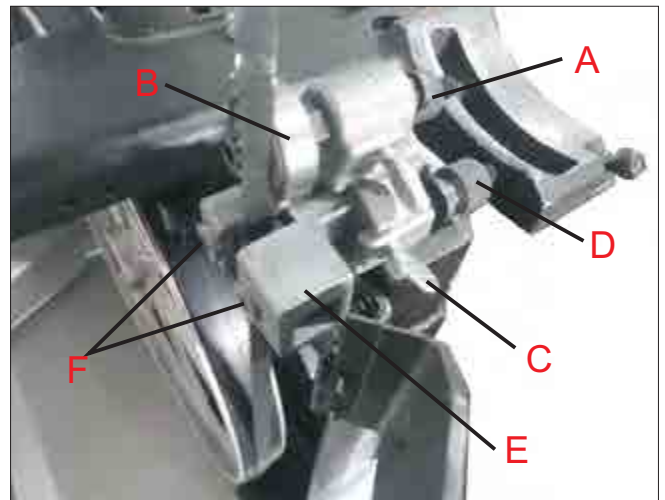
LOWER BEARING ADJUSTMENT

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Loosen adjust nut (A) and slide thrust bearing(B) until it is within .003 of the saw blade. Again, this is about the thickness of a dollar bill. Once the thrust bearing is set, retighten adjust nut . **SEE FIG. 21.**

Fig.21



2. The block guides (E) should be positioned within 1/32" of the saw blade. If an adjustment is necessary, loosen thumbscrew (C) and adjust nuts (D) until each block guide is within 1/32" of the blade. Each block guide (E) is controlled separately by the M6x10mm Hex soc set screw (F) with 3mm allen wrench directly.
3. Once block guides and thrust bearing are set, make certain that all thumbscrews and adjust nuts are re-tightened.

BELT TENSION

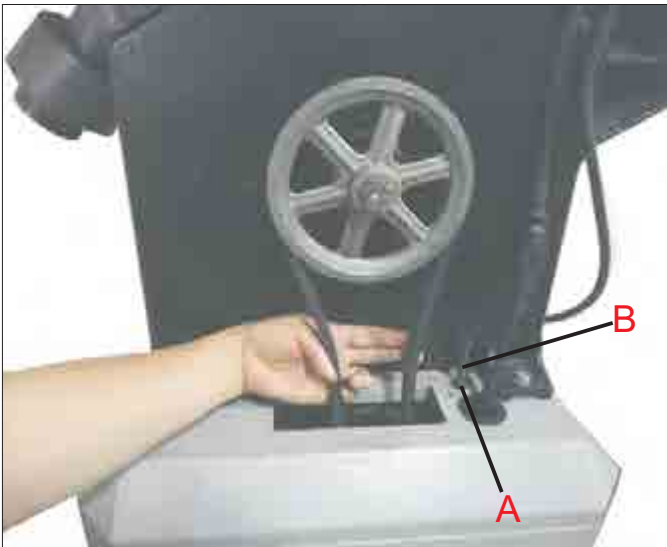
Belt tension is adjusted using the Motor Tensioning Bolt. It should be adjusted on initial setup and when the belt is replaced. It should also be checked periodically as the belt may stretch after time. Correct belt tension is achieved when there is 1" or less deflection in the belt when squeezed at it's midpoint.

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. To adjust the belt tension, first remove the pulley cover by removing the four screws that fasten it to the bandsaw. Please refer to page 18 instruction for pulley cover install and removal.
2. Check belt tension by squeezing it at the point just where it exits the base. **SEE FIG. 22.**

Fig.22



3. If an adjustment is necessary, loosen Hex Nut (A) and Tighten Motor Tensioning Bolt (B). until the proper tension is achieved.
4. Once the correct tension is achieved, retighten Hex Nut.

BLADE DRIFT

Blade drift occurs when the blade begins to wander off the cutting line. It can be caused by several factors.

- Incorrect Blade Tension
- Wrong Blade Type
- Dull Blade

If you experience blade drift, check the appropriate adjustments first. If this does not correct the problem, the blade may have to be replaced. See **BLADE REPLACEMENT** in the **MAINTENANCE** section of this manual for more information.

CHANGING MOTOR VOLTAGE

The motor supplied with your bandsaw is a dual voltage 120 / 240V motor. The motor comes prewired from the factory for 120 volt operation. To change to 240 volt operation, in addition to the following steps, it is necessary to replace the existing 120V plug with a UL/CSA listed plug (not included) suitable for 240V and the rated amperage of the motor. The saw should only then be connected to an outlet having the same configuration as the plug. No adapter is available or should be used with a 240V plug.

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Remove the junction box cover from the motor and follow the wiring diagram on the inside of the cover for 240V operation.
2. Replace junction box cover.
3. The START/ STOP switch does NOT need to be Modified.

OPERATION

⚠ WARNING



ALWAYS wear eye protection. Any machine can throw debris into the eyes during operations, which could cause severe and permanent eye damage. Everyday eyeglasses are **NOT** safety glasses. **ALWAYS** wear Safety Goggles (that comply with ANSI standard Z87.1) when operating power tools.

PRE RUN CHECK

Before you begin using your new bandsaw, you should give it a thorough inspection and ask yourself the following questions:

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

- 1.Are the blade bearings properly adjusted?
- 2.Is the blade tension and blade tracking properly set?
- 3.Is the unit stable, does it rock or wobble?
- 4.Have you read all the warnings associated with this saw?

⚠ WARNING



ALWAYS wear a NIOSH/OSHA approved dust mask to prevent inhaling dangerous dust or airborne particles.

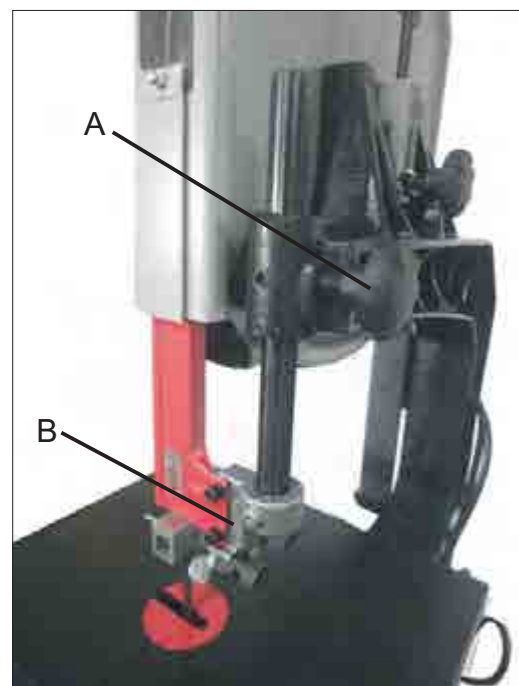
BLADE GUARD HEIGHT

The blade guard height is set by loosening the thumb-screw (A) and then push the Bracket support (B). The guard should set no higher than 1/4" above your workpiece during use.

NOTICE

The following section was designed to give instructions on the basic operations of this band-saw. However, it is in no way comprehensive of every bandsaw application. It is strongly recommended that you read books, trade magazines, or get formal training to maximize the potential of your bandsaw and to minimize the risks.

Fig.23



BLADE SELECTION

Using the proper saw blade for the job you are performing will optimize the efficiency of your bandsaw and increase the quality of your work. There are some basic questions that apply when determining which type of blade to use.

- What type of material is to be cut?
- How thick is the workpiece?
- What features does the workpiece contain, i.e. bends, curves, etc.?

These questions will help you with determining which type of blade to use. The type of blade is determined by 5 features. They are:

1. Blade width
2. Pitch
3. Tooth shape
4. Set
5. Blade material

BLADE WIDTH

Blades for the bandsaw are available in different standard widths. This width is measured from the rear of the blade to the tip of the tooth. In general, a wider blade is used for ripping and generally straight line cuts. The narrower blades are mainly used for cutting a workpiece with curves and bends.

PITCH

The unit of measure for pitch is teeth per inch. A fine pitch, meaning having more teeth per inch, will deliver a smoother cut, but will take a longer time to complete. A coarse pitch, meaning having fewer teeth per inch, will cut much faster, but leave a rougher finish. A good rule of thumb is the thicker the workpiece, the coarser the pitch should be.

TOOTH SHAPE

Tooth shapes come in several basic types. Three of them are hook, skip, and variable. Skip and hook types are used to help obtain a higher feed rate when cutting thick workpieces, while variable combines the features of two types of blades.

SET

The term “set” refers to the way that the saw teeth are bent or positioned. Set patterns are selected depending on the type of material being cut.

BLADE MATERIAL

Bandsaw blades can be made from different types of materials. Some common materials are carbon steel, spring steel, and high speed steel.

MAINTENANCE

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

GENERAL CLEANUP

- Keep the bearing guides clean and free of buildup of pitch, resin, etc.
- Remove any deposits from the wheels to help avoid vibration and premature blade breakage
- Keep the inside of bandsaw clear of sawdust. Occasionally vacuum out the inside of the unit or blowout the inside of the unit with an air hose.
- Clean and grease the raising /lowering mechanism if the unit becomes difficult to move

INSTALLING / CHANGING BLADES

⚠ WARNING

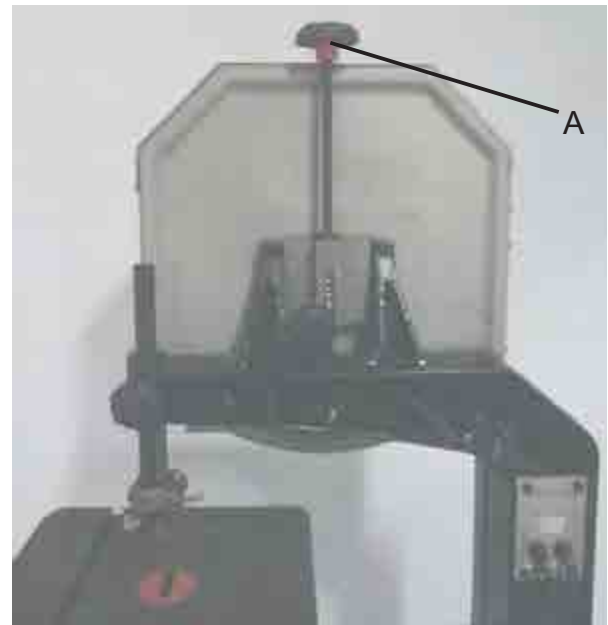
MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Remove the table insert and take the tension off of the blade by rotating the Knob (A) clockwise. **SEE FIG. 24.** If you have cast iron table, remove the taper pin (OR73567) and reinstall after blade is changed.
2. Open both the upper and lower doors of the bandsaw.
3. Carefully remove the blade from between the upper and lower guides and remove the blade from both of the wheels. Slide the blade through the slot in the table to remove the old blade.
4. Guide the new blade through the table slot and place into the blade guides and onto the center of the upper and lower wheels.

NOTICE: The blade teeth **MUST** point downward and towards the front of the saw.

5. Replace the table insert.

Fig.24



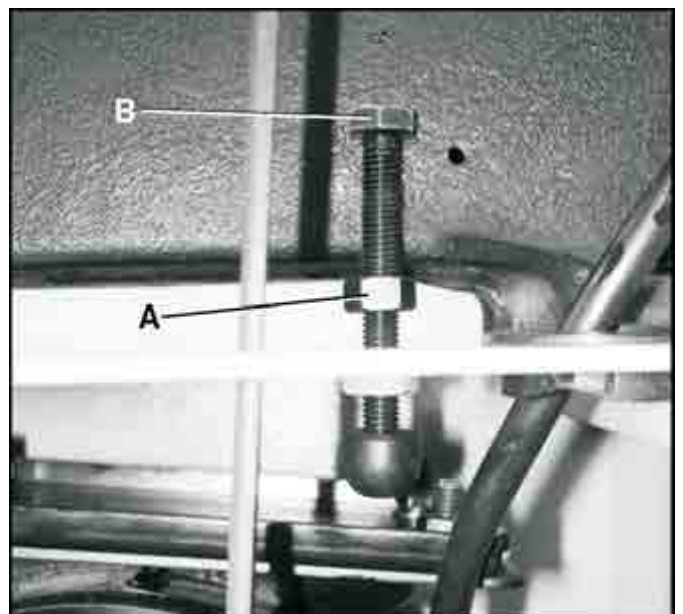
REPLACING POLY-V BELT

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Remove the Motor Access Panel and the Pulley Cover. Please refer to page 18 instructions for pulley cover install and removal.
2. Loosen the M8 Hex Nut (A) and the Motor Tensioning Bolt (B) to take tension off of the belt. **SEE FIG. 25.**

Fig.25



3. Remove the belt by “walking” the belt off of the upper and lower pulleys.
4. Install the new belt.
5. Tighten down the Motor Tensioning Bolt until the belt deflects no more than 1” when squeezed at its midpoint. Once proper tension is achieved, tighten down the Hex Nut loosened in step 2.
6. Reattach both the Motor Access Panel and Pulley Cover when finished installing the belt.

NOTICE: Before operating bandsaw, make sure to go back to the ADJUSTMENTS section of this manual and redo the following sections:

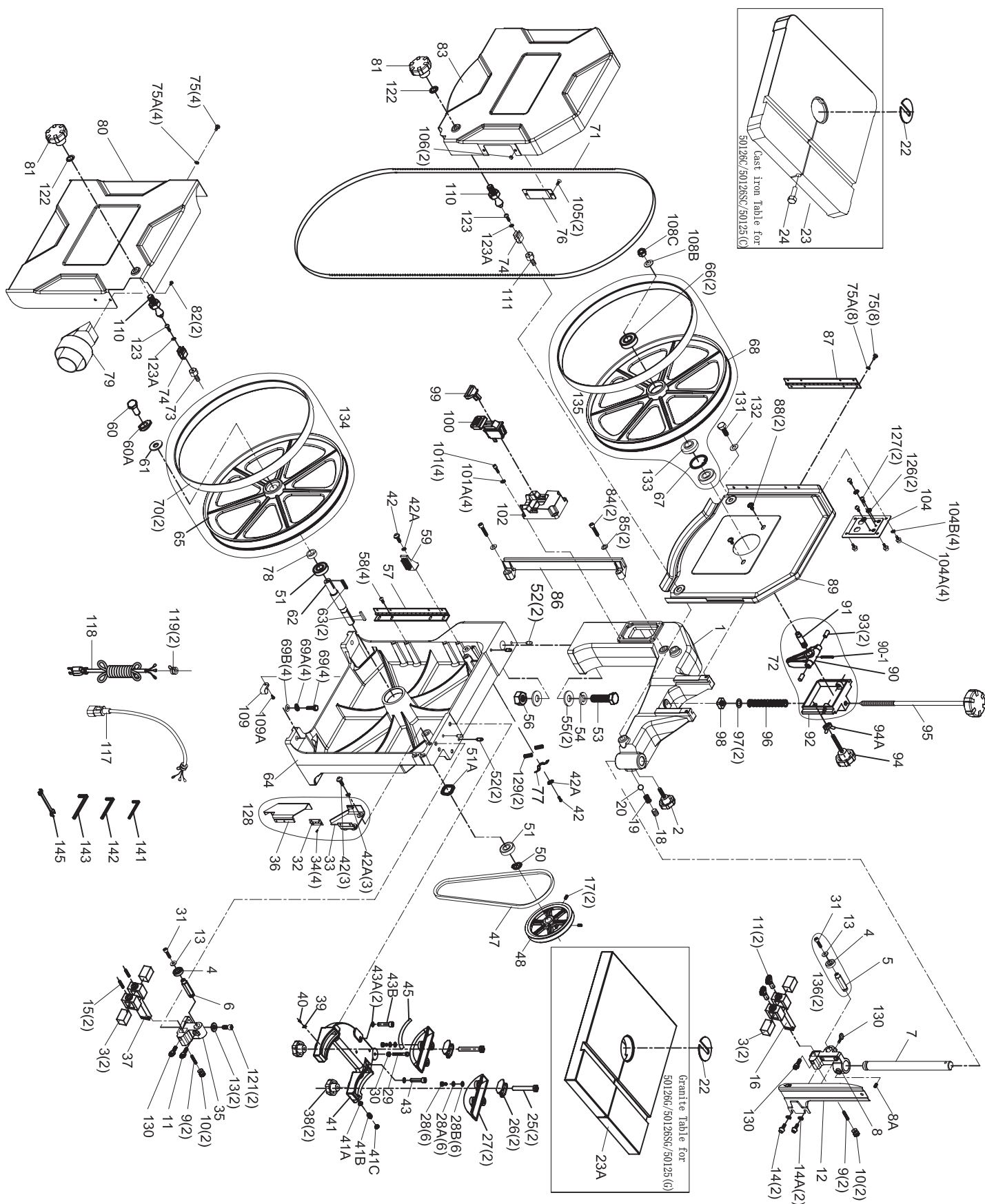
- Setting Blade Tension
- Blade Tracking
- Upper and Lower Guide Bearing Adjustments

TROUBLESHOOTING GUIDE

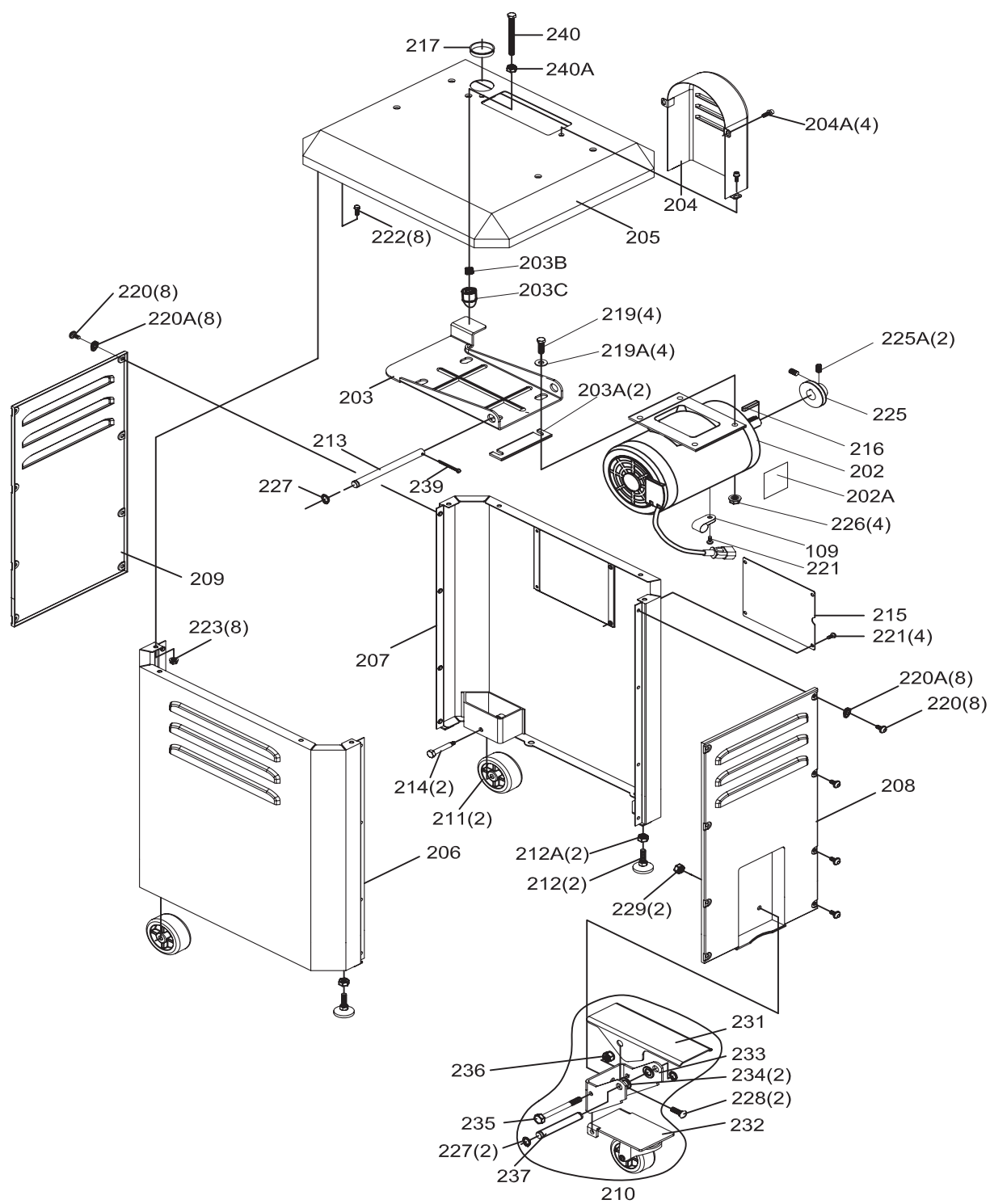
This section covers the most common processing problems encountered in sawing and what to do about them. Do not make any adjustments until the bandsaw is unplugged and moving parts have come to a complete stop.

PROBLEM	LIKELY CAUSE(S)	SOLUTION
Saw stops or will not start.	1. Saw unplugged. 2. Fuse blown, or circuit breaker tripped. 3. Cord damaged.	1. Check plug connections. 2. Replace fuse, or reset circuit breaker. 3. Replace cord.
Does not make accurate 45° or 90° cuts.	1. Stop not adjusted correctly. 2. Angle pointer not set accurately. 3. Miter gauge out of adjustment.	1. Check blade with square and adjust stop. 2. Check blade with square and adjust pointer. 3. Adjust miter gauge.
Blade wanders during cut.	1. Warped wood. 2. Excessive feed rate. 3. Incorrect blade for cut. 4. Blade tension not set properly. 5. Guide bearings not set properly.	1. Select another piece of wood. 2. Reduce feed rate. 3. Change blade to correct type. 4. Set blade tension according to blade manufacturer's specs. 5. Review guide bearing adjustment.
Saw makes unsatisfactory cuts.	1. Dull blade. 2. Blade mounted wrong. 3. Gum or pitch on blade. 4. Incorrect blade for cut. 5. Gum or pitch on table.	1. Replace blade. 2. Teeth should point down. 3. Remove blade and clean. 4. Change blade to correct type. 5. Clean table.
Blade does not come up to speed.	1. Extension cord too light or too long. 2. Low shop voltage.	1. Replace with adequate size and length cord. 2. Contact your local electric company.
Saw vibrates excessively.	1. Base on uneven floor. 2. Bad Poly V-belt. 3. Motor mount is loose. 4. Loose hardware.	1. Reposition on flat, level surface. 2. Replace v-belt. 3. Tighten motor mount hardware. 4. Tighten hardware.

PARTS



KEY PART NO.	KEY PART NO.	DESCRIPTION	QTY.	KEY PART NO.	KEY PART NO.	DESCRIPTION	QTY.
1	SC10800	UPPER FRAME	1	70	OR74411	TIRE	2
2	SC10801	LOCKING KNOB	1	71	SC10817	BLADE 3/8"x93.5"L	1
3	OR74430	GUIDE BLOCK	4	72	N/A	UPPER WHEEL SLIDE ASSY	1
4	OR74428	BALL BEARING 6200zz	2	73	SC10818	HEX HD BOLT	1
5	SC10802	LONGER SPACER	1	74	SC10819	CATCH DOOR	2
6	OR74427	SHORTER SPACER	1	75	OR74412	PAN HD SCR M4xP0.7x8L	12
7	OR74423	GUIDE POST	1	75A	OR90077	SPRING WASHER M4	12
8	SC10803	BLOCK JUNCTION BRACKET	1	76	SC10820	VIEW PLATE	1
8A	OR90222	NYLOCK HEX SOC SET SCREW M6x10	1	77	OR73589	WIRE CLAMP	1
9	OR74434	HEX SOC SET SCR M8x40	4	78	SC10821	RING	1
10	OR74435	MICRO ADJUST NUT	4	79	SC10822	DUST CHUTE	1
11	OR74432	THUMB SCREW M6x12	3	80	SC10823	LOWER WHEEL COVER	1
12	SC10804	GUARD BLADE UPPER	1	81	SC10824	KNOB CATCH	2
13	OR74429	FLAT WASHER	4	82	SC80730	PAN HD SCR TAP M4.8xP1.6x16L	2
14	SC80104	HEX SOC HD SCR M6x10	2	83	SC10825	UPPER WHEEL FRONT COVER	1
14A	OR90509	SPRING WASHER M6	2	84	OR92174	HEX SOC HD SCR M8X30	2
15	OR90222	HEX SOC SET SCR M6x10	2	85	OR90248	BIG WASHER M8	2
16	SC10805	BRACKET SLIDE UPPER	1	86	SC10826	GUARD BLADE REAR	1
17	OR93552	HEX SOC SET SCR M6x8	2	87	OR74413	HINGE UPPER	1
18	OR74424	HEX SOC SET SCR M10x8	1	88	OR94618	PAN HD FLANGE SCR M6X10	2
19	OR74425	SPRING COIL	1	89	SC10827	UPPER WHEEL REAR COVER	1
20	OR74426	STEEL BALL ϕ 8.0mm	1	90	OR74457	UPPER WHEEL SUPPORT	1
22	OR73563	TABLE INSERT	1	90-1	OR91793	SPRING PIN 3x20	1
23	SC10806	CAST IRON TABLE FOR 50126SC/50125C/50125(C)	1	91	OR74458	UPPER WHEEL SHAFT	1
24	OR73567	TAPER PIN	1	92	SC10828	UPPER WHEEL SLIDE	1
23A	OR74438	GRANITE TABLE FOR 50126SG/50126G/50125(G)	1	93	OR74465	PIN ROATION	2
25	OR94331	HEX HD SCREW M10x50	2	94	SC10829	KNOB LOCATION	1
26	OR73565	CLAMP SHOE	2	94A	OR94206	BETTERFLY NUT M8	1
27	OR74257	TRUNNION	2	95	N/A	WHEEL ADJUSTING KNOB ASSY	1
28	OR91758	HEX SOC HD SCR M6x18	6	95-1	SC10830	KNOB	1
28A	OR90502	SPRING WASHER M6	6	95-2	OR74415	SCREW POST	1
28B	OR90059	SPECIAL WASHER	6	95-3	SC84308	SPRING PIN ϕ 4.0x20L	1
29	OR74439	HEX HD SCREW M8X50	1	96	OR74416	COMPRESS SPRING	1
30	OR90307	HEX NUT M8	1	97	OR73539	FIBER WASHER ϕ 10.4x ϕ 19x1	2
31	OR91755	HEX SOC HD SCR M6X12	2	98	OR74418	SQUARE NUT	1
32	SC10807	HINGE	1	99	OR72063	KEY SWITCH	1
33	SC10808	GUARD REAR DUST CHUTE	1	100	SC72062	POWER SWITCH	1
34	SC80728	PAN HD SCREW M3xP0.5x6L	4	101	OR91756	HEX SOC HD SCR M5x20	4
35	SC10809	DOWN BRACKET	1	101A	OR90145	SPRING WASHER M5	4
36	SC10810	GUARD FRONT DUST CHUTE	1	102	SC10831	SWITCH BOX	1
37	OR74431	UPPER BRACKET	1	104	SC10832	SWITCH BOX PLATE	1
38	SC10812	KNOB LOCKING TABLE	2	104A	OR74421	HEX SOC HD SCR M5X10	4
39	OR73572	POINTER	1	104B	OR90145	SPRING WASHER M5	4
40	OR90135	PAN HD SCREW M4x6	1	105	SC80731	SOC FT HD SCREW M4x10	2
41	OR74259	TURNNION SUPPORT	1	106	OR95117	COVER HEX NUT M4	2
41A	OR90235	HEX NUT M6	1	108B	OR90304	FLAT WASHER 12	1
41B	OR74440	HEX SOC HD SCR M6X30	1	108C	OR74460	NUT M12x1.25	1
41C	OR93370	LOCK NUT M6	1	109	OR74469	CABLE CLAMP GCL-5/16S	2
42	SC80729	SCR HEX SOC BUT HD M6x12	5	109A	OR74421	HEX SOC HD SCR M5X10	1
42A	OR90509	SPRING WASHER M6	5	110	SC10833	STUD LATCH	2
43	OR92174	HEX SOC HD SCR M8X30	1	111	SC80732	HEX HD BOLT	1
43B	OR94840	HEX SOC HD SCR M8X35	1	117	SC10834	MOTOR CONNECTION WIRE/PLUG	1
43A	OR90248	SPRING WASHER M8	2	118	SC10835	POWER SUPPLY WIRE/PLUG	1
45	OR74258	SCALE	1	119	SC10836	CORD BUSHINGS SR-6R1	2
47	OR72914	V BELT(A-965)	1	121	OR93374	HEX SOC HD SCR M6x20	2
48	OR74442	PULLEY	1	122	SC82136	INT TOOTH WASHER ϕ 8.5x ϕ 15.5x0.85t	2
50	OR94829	EXT RETAINING RING ϕ 20	1	123	OR74451	HEX SOC BUT HD SCR M5x10	2
51	OR94851	BALL BEARING 6204zz	2	123A	OR90145	SPRING WASHER M5	2
51A	OR94850	WAVE WASHER	1	126	OR90053	EXT TOOTH WASHER	2
52	OR73570	PIN	4	127	OR90507	PAN HD SCR M5X8	2
53	OR74448	HEX HD SCREW M18xP2.5x70	1	128	N/A	LOWER BLADE GUARD ASSY	1
54	OR74446	SPRING WASHER ϕ 19	1	129	SC10837	SLEEVE ϕ 12x30Lx0.8t	2
55	OR74445	FLAT WASHER ϕ 19x ϕ 36x3t	2	130	OR74436	THUMB SCREW M6x15	3
56	OR74447	HEX NUT M18xP2.5	1	131	SC80432	HEX HD SCREW M10x25	1
57	OR74450	HINGE LOWER	1	132	OR90230	FLAT WASHER M10	1
58	OR74451	SCR HEX SOC BUT HD M5xP0.8x10L	4	133	SC10838	SPACER	1
59	OR74490	BRUSH WHEEL	1	134	N/A	LOWER WHEEL ASSY	1
60	OR90308	HEX HD SCREW M8X20	1	135	N/A	UPPER WHEEL ASSY	1
60A	OR90248	SPRING WASHER M8	1	136	N/A	BLADE THRUST Bearing Assy	2
61	OR91817	SPECIAL WASHER ϕ 8.3x ϕ 25x3.5	1	141	OR90289	ALLEN WRENCH 2.5mm	1
62	SC10813	LOWER WHEEL SHAFT	1	142	OR90290	ALLEN WRENCH 3mm	1
63	SC84510	KEY 6x6x28L	2	143	OR90291	ALLEN WRENCH 4mm	1
64	SC10814	BASE	1	145	OR74491	OPEN END WRENCH	1
65	SC10815	LOWER WHEEL	1				
66	OR90075	BALL BEARING 6202-2RS	2				
67	OR94827	INT RET RING ϕ 35	1				
68	SC10816	UPPER WHEEL	1				
69	OR93891	HEX HD SCREW M8X40	4				
69A	OR90248	SPRING WASHER M8	4				
69B	OR90311	FLAT WASHER 8	4				



KEY NO.	PART NO.	DESCRIPTION	QTY.
201	N/A	MOBILE CABINET ASSY	1
202	OR74475	MOTOR	1
202A	OR74492	MOTOR LABEL	1
203	OR74474	PLATE FIXED MOTOR	1
203A	SC10546	MOTOR DAMPING WASHER	2
203B	SC10839	M8 TOOTH COVER	1
203C	OR73606	DAMPING WASHER	1
204	SC10840	PULLEY COVER	1
204A	OR74486	HEX HD FLANGE SCREW M6X12	4
205	SC10841	CABINET TOP PLATE	1
206	SC10842	CABINET LEFTSIDE PLATE	1
207	SC10843	CABINET RIGHTSIDE PLATE	1
208	SC10844	CABINET FRONT DOOR	1
209	SC10845	CABINET REAR DOOR	1
210	N/A	MOBILE ELEVATION WHEEL ASSY	1
211	OR91505	FIXED WHEEL	2
212	SC10529	LEVER SCREW	2
212A	OR90307	HEX NUT M8	2
213	OR74473	MOTOR FIXED ROD	1
214	SC10846	FIXED WHEEL SHAFT	2
215	SC10847	ACCESS PANEL	1
216	OR74444	KEY	1
217	OR74481	SNAP BUSHING SB-38	1
219	SC80733	HEX SOC HD SCREW M8*20L	4

KEY NO.	PART NO.	DESCRIPTION	QTY.
219A	OR90311	FLAT WASHER 8	4
220	SC80111	HEX SOC HD SCR M6X16	16
220A	OR90509	SPRING WASHER M6	16
221	OR74451	SCR HEX SOC BUT HD M5x10	5
222	OR74486	HEX HD FLANGE SCREW M6X12	8
223	OR74477	HEX FLANGE NUT M6	8
225	OR74443	MOTOR PULLEY	1
225A	OR93906	HEX SOC SET SCR M5x6	2
226	OR92724	LOCK NUT M8	4
227	OR94197	RETAINING RING, EXT 12	3
228	SC80734	CARRIAGE BOLT M8x16	2
229	OR94771	HEX FLANGE NUT M8	2
231	SC10848	PEDAL	1
232	OR91506	ROTATION WHEEL ASSY	1
233	SC10849	PEDAL FIXED PLATE	1
234	SC82137	WASHER ϕ 12.4x ϕ 24x1.5t	2
235	SC80735	HEX HD SCREW M8xP1.25x95	1
236	OR92724	LOCK HEX NUT M8	1
237	SC10850	PEDAL SHAFT	1
239	OR74472	COTTER PIN	1
240	SC80343	HEX HD SCREW M8x75	1
240A	OR90307	HEX NUT M8	1

◆ NOTES ◆



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